

TECHNICAL MEMORANDUM

Utah Coal Regulatory Program

November 27, 2007

AK

TO: Internal File

THRU: Pamela Grubaugh-Littig, Permit Supervisor *hgl*
James D. Smith, Team Lead *DS 12/14/07*

FROM: Wayne H. Western, Environmental Scientist III, Engineering *W H W*

RE: Update to the Legal and Financial Volume, PacifiCorp, Deer Creek Mine, Permit C/015/0018, Task ID #2840

SUMMARY:

On August 10, 2007 the Permittee submitted an amendment to the Deer Creek MRP to revise the legal and financial information. The updates include a description of federal lease UTU-84285, also known as the Mill Fork West Lease, and a right-of-way that encumbers an additional 1.1 acres.

This amendment includes changes in the Legal and Financial Volume text and appendices, updating the permit acreage and description of the permit boundary. Updates have also been made to various maps of the MRP to show the revised permit boundary. The Permittee submitted one hard copy of each of the maps to show the revised permit boundary: the maps do not include a PE's signature; however, upon approval, clean copies of these maps with the required PE certification will be submitted.

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TECHNICAL ANALYSIS:

ENVIRONMENTAL RESOURCE INFORMATION

Regulatory Reference: Pub. L 95-87 Sections 507(b), 508(a), and 516(b); 30 CFR 783., et. al.

PERMIT AREA

Regulatory Requirements: 30 CFR 783.12; R645-301-521.

Analysis:

The Permittee met the minimum requirements of this section. The Permittee showed the updated permit area on several maps including Plate 1-4, Plate 3-6 and Plate 3-7.

Findings:

The information provided in the proposed amendment is considered adequate to meet the requirements of this section.

MAPS, PLANS, AND CROSS SECTIONS OF RESOURCE INFORMATION

Regulatory Reference: 30 CFR 783.24, 783.25; R645-301-323, -301-411, -301-521, -301-622, -301-722, -301-731.

Analysis:

Affected Area Boundary Maps

The Permittee met the minimum requirements of this section. The Permittee showed the updated affected area on several maps including Plate 1-4, Plate 3-6 and Plate 3-7.

Mine Workings Maps

The Permittee met the minimum requirements of this section. The Permittee showed the old workings on Plate 1-3.

Permit Area Boundary Maps

The Permittee met the minimum requirements of this section. The Permittee showed the updated permit area on several maps including Plate 1-4, Plate 3-6 and Plate 3-7.

Findings:

The information provided in the proposed amendment is considered adequate to meet the requirements of this section.

OPERATION PLAN

MAPS, PLANS, AND CROSS SECTIONS OF MINING OPERATIONS

Regulatory Reference: 30 CFR Sec. 784.23; R645-301-512, -301-521, -301-542, -301-632, -301-731, -302-323.

Analysis:

Affected Area Maps

The Permittee met the minimum requirements of this section. The Permittee showed the updated affected area on several maps including Plate 1-4, Plate 3-6 and Plate 3-7.

Mine Workings Maps

The Permittee updated several maps that show the mine workings and subsidence control because those maps also showed the permit area. None of the information regarding mine works or subsidence was changed.

Certification Requirements

This amendment includes changes in the Legal and Financial Volume text and appendices, updating the permit acreage and description of the permit boundary. Updates have also been made to various maps of the MRP to show the revised permit boundary. The Permittee submitted one hard copy of each of the maps to show the revised permit boundary: the maps do not include a PE's signature; however, upon approval, clean copies of these maps with the required PE certification will be submitted.

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Findings:

The information provided in the proposed amendment is considered adequate to meet the requirements of this section.

RECOMMENDATIONS:

The Division should approve the amendment on the condition that the Permittee provided maps with the proper certification (PE stamp and signature) on all maps requiring certification.